

US EPA RECORDS CENTER REGION 5



**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

**USEPA: Z 355 729 012**

**MDEQ: Z 355 729 013**

January 4, 1999

Mr. Duane Heaton  
Remedial Project Manager  
CERCLA Enforcement Section  
U.S. Environmental Protection Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

Ms. Beth Vens  
Environmental Quality Analyst  
Michigan Department of Environmental Quality  
38980 Seven Mile Road  
Livonia, Michigan 48152-1006

Subject: BASF Corporation Riverview Site Inspection Report  
Riverview, Michigan

Please find enclosed the Fall 1998 inspection report for the BASF Corporation Riverview Site. Submittal of this report is required by Consent Decree No. 80-73699 of July 1984.

Please feel free to call me at 734-324-6209 with any questions.

Sincerely,

Thomas F. McGourty  
Manager, Quality and Ecology Services

*ck w/  
Peterson*

Enclosure

cc: J. Gerlach  
J. Lanigan

a:\offsite\riverview\riv-ltr4.doc

FOLDER NUMBER: 1490M6.RTE

Inspection Date: 12 November 1998

Agency Report Date: Fall 1998

AGENCY REPORT IS DUE WITHIN TWO WEEKS AFTER INSPECTION.

UPON REVIEW AND APPROVAL, RETURN THIS PM TO ECOLOGY FOR PREPARATION OF PRINTED REPORT AND FILING BY SITE ENGINEERING.

This PM requires the inspector to look at many things and walk or drive over a large area. The inspector should read this PM completely prior to making the inspection so that no wasted effort has to occur "Going Back".

## I. Inspect entire fence.

- A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

- I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

Observation: Fence and wires are

in good condition.

Gates are locked

Response:

- B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

- I.B. 1. Are signs spaced every 100 ft.? Yes ☒ No ☐

2. Make a list of missing, rusted, bent, illegible, etc., signs.

WARNING

KEEP OUT

MANAGED INDUSTRIAL WASTE DISPOSAL AREA

Observation: ONE sign on North fence

missing.

Response:

Replace by 1/31/99

## II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

- A. Look for any "bare" areas (spots or areas which do not have plant life growing).

- II.A. List "bare" areas. Describe size and location of bare spot.

Observation: Bare spot on west side

Along fence line

Response:

Cover &amp; Reseed 5/8/99

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

II.B. List the "average" height of the vegetation.

Observation:

Lawn is in good condition.  
Average height of grass is 3-4 inches.

Response:

III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

Observation:

Response:

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

Observation:

No evidence of erosion, weathering, or change in drainage pattern. No standing water.

Response:

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

Observation:

No deep-rooted vegetation.

Response:

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes ☒ No ☐

Is there any evidence of water flowing from the Firestone property onto the site?

Yes ☐ No ☒

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

VI.A. List any cracks in the concrete, leaking through the cracks, accumulated debris, standing water, etc.

A. Look at overall condition of the ditches.

Observation:

Very minimal amount of standing water. Debris washed into North ditch from down. Several cracks discovered below.

Response:

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is ☐ Joint 1: the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Observation: Good condition

Response:

☐ Joint 2:

☐ Joint 3:

Observation: Joint Five

Concrete spalled

Response:

Observation: Joint Five, concrete spalled.

☐

Response: Repair spalling

6/30/99 /k

☐ Joint 4:

Observation: Joint Five, concrete spalled

Response:

Repair 6/30/99 /k

Joint 5:

Observation: Joint Five, concrete spalled.

Response:

Repair 6/30/99 /k

Joint 6:

Observation: Joint fine,

concrete spalled.

Response: Repair 6/30/99

Joint 7:

Observation: Joint fine.

concrete spalled

Response: Repair 6/30/99

Joint 8:

Observation: Joint fine but heaved

concrete spalled.

Response: Repair 6/30/99

Joint 9:

Observation: Joint fine but heaved

concrete spalled

Response: Repair 6/30/99

Joint 10:

Observation: Joint fine but heaved.

concrete spalled

Response: Repair 6/30/99

Joint 11:

Observation: Joint fine

concrete spalled & cracked.

Response: Repair 6/30/99

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 12:

Observation: Joint used caulk

caulk between joints "2" 12

Response: Recaulk 6/30/99

Joint 13:

Observation: Joint fine

Response:

Joint 14:

Observation: Joint fine

Response:

Joint 15:

Observation: Joint fine

Response:

Joint 16:

Observation: Joint fine

Response:

Joint 17:

Observation: Joint needs caulk

standing water behind joint.

Joint 18:

Observation: Joint needs caulk

Recaulk 6/30/99

Response: Recaulk 6/30/99 JK

Response: \_\_\_\_\_

Joint 19:

Observation: Joint needs caulk.

Joint 20:

Observation: Joint Fine

Response: Recaulk 6/30/99

Response: \_\_\_\_\_

Joint 21:

Observation: Joint Fine

Joint 22:

Observation: Joint Fine

Response: \_\_\_\_\_

Response: \_\_\_\_\_

Joint 23:

Observation: Joint Fine

Joint 24:

Observation: Joint Fine

Response: \_\_\_\_\_

Response: \_\_\_\_\_

Joint 25:

Observation: Joint Fine

Joint 26:

Observation: Joint Fine

Response: \_\_\_\_\_

Response: \_\_\_\_\_

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 27:

Observation: Joint Fine

Joint 28:

Observation: Joint Fine

Response: \_\_\_\_\_

Response: \_\_\_\_\_

crack in concrete between joints 27 & 28.

Recaulk 6/30/99 JK

Joint 29:

Observation: Joint Fine

Joint 30:

Observation: Joint Fine

Response: \_\_\_\_\_

Response: \_\_\_\_\_

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint A:

Observation: Joint fine

Response: \_\_\_\_\_

Joint B:

Observation: Joint fine

Response: \_\_\_\_\_

Joint C:

Observation: Joint fine

Response: \_\_\_\_\_

Joint D:

Observation: Joint fine

Response: \_\_\_\_\_

VII. Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.

Observation: \_\_\_\_\_

All wells in good condition.

Response: \_\_\_\_\_

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: Jack Langer

Date Inspected: 12 November 1998

PM Reviewed and Response initiated by: John F. Blum

Date: 12/18/98